RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/520,008
Source:	Per
Date Processed by STIC:	3116/06

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PCT

RAW SEQUENCE LISTING DATE: 03/16/2006
PATENT APPLICATION: US/10/520,008 TIME: 11:54:34

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\03162006\J520008.raw

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3 <110> APPLICANT: TAKARA BIO INC.
      5 <120> TITLE OF INVENTION: Method for introducing mutation into target nucleic acid
      7 <130> FILE REFERENCE: 663910
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/520,008
C--> 9 <141> CURRENT FILING DATE: 2004-12-30
     9 <150> PRIOR APPLICATION NUMBER: JP 2002-204887
     10 <151> PRIOR FILING DATE: 2002-07-12
     12 <150> PRIOR APPLICATION NUMBER: JP 2003-113534
     13 <151> PRIOR FILING DATE: 2003-04-18
     15 <160> NUMBER OF SEQ ID NOS: 16
     17 <170> SOFTWARE: PatentIn Ver. 2.1
     19 <210> SEO ID NO: 1
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     22 <213> ORGANISM: Artificial Sequence
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     25 <223> OTHER INFORMATION: Description of Artificial Sequence: Gene encoding red-shifted
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     31 ggaaaactta ccctgaagtt catctgcact actggcaaac tgcctgttcc atggccaaca 180
     32 ctagtcacta ctctgtgcta tggtgttcaa tgcttttcaa gatacccgga tcatatgaaa 240
     33 cggcatgact ttttcaagag tgccatgccc gaaggttatg tacaggaaag gaccatcttc 300
     34 ttcaaagatg acggcaacta caagacacgt gctgaagtca agtttgaagg tgataccctt 360
     35 gttaatagaa tcgagttaaa aggtattgac ttcaaggaag atqqaaacat tctqqqacac 420
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    39 tacctgtcca cacaatctgc cctttcgaaa gatcccaacq aaaaqaqaqa ccacatqqtc 660
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58 <211> LENGTH: 20

DATE: 03/16/2006

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                     Input Set : A:\seqlist.txt
                     Output Set: N:\CRF4\03162006\J520008.raw
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DATE: 03/16/2006

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RAW SEQUENCE LISTING DATE: 03/16/2006 PATENT APPLICATION: US/10/520,008 TIME: 11:54:34

Input Set : A:\seqlist.txt

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195 <213> ORGANISM: Artificial Sequence 197 <220> FEATURE: 198 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer RNA-hindIII to amplify a portion of gene encoding red-shifted green 199 200 fluorescence protein. "nucleotides 1 to 6 are 2'-O-methyl ribonucleotides - other nucleotides are deoxyribonucleotides" 201 204 <400> SEQUENCE: 12 205 aagcuuggta ccgagctcgg atcgggagag caaga 35 208 <210> SEQ ID NO: 13 209 <211> LENGTH: 30 210 <212> TYPE: DNA 211 <213> ORGANISM: homo sapience 213 <400> SEQUENCE: 13 214 gattgcttta gcttggaaat tccggagctg 30 217 <210> SEQ ID NO: 14 218 <211> LENGTH: 40 219 <212> TYPE: DNA 220 <213> ORGANISM: Artificial Sequence 222 <220> FEATURE: 223 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer GFP-kB1 to amplify a portion of gene encoding red-shifted green 224 225 fluorescence protein. 227 <400> SEQUENCE: 14 40 230 <210> SEQ ID NO: 15 231 <211> LENGTH: 40 232 <212> TYPE: DNA 233 <213> ORGANISM: Artificial Sequence 235 <220> FEATURE: 236 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer GFP-kB2 to amplify a portion of gene encoding red-shifted green 237 238 fluorescence protein. 240 <400> SEQUENCE: 15 241 tccggaattt ccaagctaaa gcaatctcag ttgtacagtt 40 244 <210> SEQ ID NO: 16 245 <211> LENGTH: 40 246 <212> TYPE: DNA 247 <213> ORGANISM: Artificial Sequence 249 <220> FEATURE: 250 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer GFP-kB3 to 251 amplify a portion of gene encoding red-shifted green 252 fluorescence protein.

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254 <400> SEQUENCE: 16

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VERIFICATION SUMMARY DATE: 03/16/2006 PATENT APPLICATION: US/10/520,008 TIME: 11:54:35

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\03162006\J520008.raw

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